LINZ 2011

32nd Linz Seminar on Fuzzy Set Theory

Decision Theory: Qualitative and Quantitative Approaches

Bildungszentrum St. Magdalena, Linz, Austria
February 1 - 5, 2011

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CALL FOR PAPERS

Since their inception in 1979 the Linz Seminars on Fuzzy Sets have emphasized the development of mathematical aspects of fuzzy sets by bringing together researchers in fuzzy sets and established mathematicians whose work outside the fuzzy setting can provide direction for further research. The philosophy of the seminar has always been to keep it deliberately small and intimate so that informal critical discussions remain central.

LINZ 2011 will be the 32nd seminar carrying on this tradition and is devoted to the theme "**Decision theory: qualitative and quantitative approaches**". The goal of the seminar is to present and to discuss recent advances in the theory of decision procedures and to concentrate on its applications in various areas.

Accordingly, the topics of the Seminar will include but not be limited to:

Decision theory

- Multifactorial evaluation and aggregation operations
- Utility theory
- Cooperative game theory
- Preference structures
- Modelling of preferential independencies
- Revision of preferences

and applications to

- Multicriteria decision support
- Decision under uncertainty
- Voting procedures
- Recommender Systems
- Electronic commerce

The following invited speakers (in alphabetic order) have already confirmed their participation:

- **Alain Chateauneuf**, Univ. de Paris 1 Panthéon-Sorbonne (France)
- **Bernard De Baets**, Gent University (Belgium)
- **Salvatore Greco**, University of Catania (Italy)
- **Ehud Lehrer**, Tel Aviv University (Israel)
- **Marc Pirlot**, Mons University (Belgium)
- **René van den Brink**, Free University Amsterdam (The Netherlands)

The "Linz" tradition has these key features: the number of participants of the Linz Seminars is usually bounded above by 40 with broad international representation and a mix of pure and applied interests; there are no parallel sessions so that all participants focus on each presentation and fully engage in each topic; and there is ample time for discussion of each presentation, with follow-up round tables for discussion of open problems and issues raised in the talks.

Please send your extended abstract (1 – 4 pages) until November 14, 2010 to `linz2011@flll.jku.at`
Further Information:
http://www.flll.jku.at/div/research/linz2011/index.html